

Serial No. 10/699,199

Claim 1 (currently amended). The method of providing a mop with surface scrubbing capability, that includes:

a) providing a surface scrubbing attachment device, and

b) attaching said device to the mop for scrubbing presentation to the surface to be scrubbed[[.]]

c) and wherein the mop has a head and also has a handle, and including manipulating said handle to exert force that clamps the attachment device to the mop at or proximate the mop head,

d) and wherein said device is provided in the form of a sheet or sheets that in cross-section define a stiffened bend, wherein a first portion of the sheet defines or carries a floor scrubber, and a second portion of the sheet or sheets defines a tongue extending at an angle to said first portion, the tongue configured to receive said clamping force, the first portion of the sheet configured to extend adjacent mop strands, there being a hinge integral with the first portion of the sheet and located between the stiffened bend and the floor scrubber.

Serial No. 10/699,199

Claim 2 (cancelled).

Claim 3 (currently amended). The method of claim ~~2~~ 1 wherein the ~~device is provided with a~~ tongue to be positioned and clamped between the mop handle and mop head.

Claim 4 (currently amended). The method of claim ~~3~~ 1 wherein one of the following is employed:

- i) the tongue defines a hole to pass the handle end, or to pass a projection to which the handle end fits,
- ii) the tongue has a clampable portion to be positioned for reception of said clamping force.

Claim 5 (currently amended). The method of claim 1 wherein said ~~device is provided with~~ scrubber defines projecting floor scrubbing elements.

Serial No. 10/699,199

Claim 6 (original). The method of claim 5 wherein certain of said elements project in a first direction, and other of said elements project in a second direction.

Claim 7 (original). The method of claim 6 wherein all of said elements comprise bristles.

Claim 8 (original). The method of claim 7 wherein the bristles have supporting portions fused to a base defined by the device.

Claim 9 (cancelled).

Claim 10 (cancelled).

Claim 11 (currently amended). Apparatus for providing a mop with surface scrubbing capability, comprising in combination:

- a) a surface scrubbing device,
- b) said device having an attachment for rigid connection to the mop[[]],
- c) and including said mop which has a head and a handle, said attachment clamped to the mop at or

Serial No. 10/699,199

near the mop head, by force exerted via the mop handle,

d) and wherein said device has the form of
a sheet or sheets that in cross-section define a
stiffened bend, whereby a first portion of the sheet
defines or carries a floor scrubber, and a second
portion of the sheet or sheets defines a tongue
extending at an angle to said first portion, the tongue
configured to receive said clamping force, the first
portion of the sheet configured to extend adjacent mop
strands, there being a hinge integral with the first
portion of the sheet and located between the stiffened
bend and the floor scrubber.

Claim 12 (currently amended). The apparatus as defined
in claim 11 ~~including said mop which has a handle,~~
wherein said attachment is clamped to the mop at or
near the mop head, by force exerted via the mop handle.

Claim 13 (cancelled).

Serial No. 10/699,199

Claim 14 (currently amended). The apparatus of claim ~~3~~
11 wherein one of the following exists:

- i) the tongue defines a hole to pass
the handle end, or to pass a
projection to which the handle end
fits,
- ii) the tongue has a clampable portion
to be clamped in position adjacent
the handle and head.

Claim 15 (currently amended). The apparatus of claim 11
wherein said ~~device~~ scrubber includes projecting floor
scrubbing elements.

Claim 16 (original). The apparatus of claim 15 wherein
certain of said elements project in a first direction,
and other of said elements project in a second
direction.

Claim 17 (original). The apparatus of claim 16 wherein
all of said elements comprise bristles.

Serial No. 10/699,199

Claim 18 (currently amended). The ~~method~~ apparatus of claim 17 wherein the bristles have supporting portions fused to a base defined by the device.

Claim 19 (currently amended). The ~~method~~ apparatus of claim 16 wherein said elements are carried by a base defined by said device, the base having a first surface facing in ~~said~~ a first direction, and a second surface facing in ~~the~~ a second direction, said surfaces relatively angled at an obtuse angle.

Claim 20 (cancelled).

Claim 21 (currently amended). The apparatus of claim ~~13~~ 11 wherein one of the following exists:

- i) there are two holes of different sizes associated with the tongue to selectively register with different mop handles,
- ii) there is a foldable flap associated with the tongue, and a first hole carried by the tongue and a second hole carried by the flap, the holes being of different sizes, the second hole registering with

Serial No. 10/699,199

the first hole when the flap is folded.

Claim 22 (cancelled).

Claim 23 (currently amended). The apparatus of claim ~~22~~ 11 wherein said ~~hinged operative connection includes~~ hinge is a living hinge.

Claim 24 (currently amended). The apparatus of claim ~~22 including a pad carrying said elements, the pad being attached to a plate portion of said sections.~~ 23 wherein the scrubber is proximate the living hinge to exert downward and bending force thereon.

Claim 25 (original). The apparatus of claim 24 wherein the attachment is defined by one of the following:

- x₁) a bond,
- x₂) an interfit connection,
- x₃) projections and apertures receiving the projections, the projections located on one of the tongue and plate ~~portions~~ portion, and the apertures located in the other of the plate portion and tongue.

Serial No. 10/699,199

Claim 26 (cancelled).

Claim 27 (currently amended). Apparatus for providing a mop with surface scrubbing capability, comprising in combination:

- a) a surface scrubbing device,
- b) said device having an attachment for rigid connection to the mop,
- c) and including said mop which has a head and a handle, said attachment clamped to the mop at or near the mop head, by force exerted via the mop handle,
- d) the attachment including a tongue clamped in position between the mop handle and the mop head,
- e) there being a section carrying scrubbing elements, said section having hinged operative connection to said tongue,
- f) ~~The apparatus of claim 26~~ wherein said hinged operative connection includes a living hinge[[.]],
- g) said section having a stiffened corner between said living hinge and said tongue.

Serial No. 10/699,199

Claim 28 (currently amended). The apparatus of claim 27 ~~including a pad carrying said elements, the pad being attached to a plate portion of said section 11 wherein said scrubber is a pad having attachment to said first portion of the sheet which is a plate portion, said plate portion, living hinge and stiffened corner being generally in the same plane.~~

Claim 29 (currently amended). The apparatus of claim 28 wherein the attachment is defined by one of the following:

- x₁) a bond,
- x₂) an interfit connection,
- x₃) projections and apertures receiving projections, the projections located on one of the tongue and plate portions, ~~and the apertures located in the other of the plate portion and tongue.~~

Serial No. 10/699,199

Claim 30 (currently amended). The apparatus of claim ~~24~~
28 wherein said plate portion is elongated, and has one
of the following:

- i) length between one inch ~~or~~ and fifteen
inches,
- ii) ~~has~~ length which is about 7 ¼ inches.

Claim 31 (currently amended). The apparatus of claim ~~11~~
24 wherein said attachment has two holes of different
sizes associated with the tongue to selectively
register with different mop handles.

Claim 32 (currently amended). The apparatus of claim ~~11~~
24 wherein the attachment has an adapter defining a
first through hole, and a the tongue defining a second
through hole, the holes being of different sizes.

Claim 33 (currently amended). The apparatus of claim 32
wherein the adapter is a flap foldable at ~~a living~~ said
hinge associated with the attachment.

Serial No. 10/699,199

Claim 34 (original). The method of claim 1 including providing said attachment with two holes of different sizes associated with the tongue to selectively register with different mop handles.

Claim 35 (currently amended). The method of claim 1 including providing an adapter in association with said attachment, the adapter defining a first through hole, and ~~a~~ the tongue defining a second through hole, the holes being of different sizes.

Claim 36 (currently amended). The ~~apparatus~~ method of claim 35 wherein the adapter is provided in the form of a flap foldable at a said hinge which is an elongated living hinge associated with the attachment.

Claim 37 (currently amended). Apparatus, comprising
a) a scrubber carrier attachable to a mop that has a handle, said carrier having two sections connected together at a stiffened corner,

b) said carrier having two through holes of two different cross sectional areas, associated with one section to register with mop handle structure,

Serial No. 10/699,199

c) said holes selectable to enable use of a selected size mop handle structure.

Claim 38 (original). The apparatus of claim 37 wherein said carrier has weight between 1 oz. and 32 oz. and consists of plastic material.

Claim 39 (original). The apparatus as defined in claim 12, including a claw that clamps to the attachment and to the mop head in response to said force, said claw associated with the mop handle.